

UNDERGRADUATE EMBEDDED CERTIFICATE IN SUSTAINABLE ARCHITECTURE

The Certificate in Sustainable Architecture provides undergraduate students who major in Architecture the opportunity to specialize in design and technical innovations that will increase building energy performance, reduce emissions, use eco-friendly materials, and thereby increase the durable societal value of the built environment. The design and retrofit of energy efficient buildings, better material choices and improved occupant comfort are the primary skills acquired at the intermediate level through this certificate.

Students will furthermore understand the foundations of sustainability and learn the skills to apply sustainability ratings, understand the operational role of building systems and social value of building form and space and learn the tools to simulate, measure and increase sustainability at the building as well as the urban scale.

At this time, the certificate in Sustainable Architecture is available only to Architecture majors.

For more information and how to apply, [click here](#).

Program of Study

Code	Title	Credit Hours
Required		
ARCH 4227	Architecture and Ecology	3
ARCH 4226	Green Construction	3
ARCH 4231	Environmental Systems and Design Integration II	3
Elective		3
ARCH 4151	History of Urban Form	
ARCH 4320	Retrofitting Suburbia	
ARCH 4447	Urban Ecological Design	
ARCH 4805	Design Build South Africa I	
ARCH 4801	Design Build South Africa II	
Total Credit Hours		12

- Courses must be completed with a 'C' grade or higher
- Courses used to satisfy the certificate requirements may be used to fulfill free electives required by the Institute as well as Architecture electives for Architecture majors.